User's Manual

LED Rigid Strip Light

Part No.:

CM-5050RS-W90L150

CM-5050RS-W72L120

CM-5050RS-W60L100

CM-5050RS-W36L60

CM-5050RS-W24L40

Remark:

CM: SuperLED ; 5050: LED type; RS: Rigid Strip; W: Waterproof(If N, then means non waterproof);

90L: LED Qty ; 150: Length in mm

2015 First Version

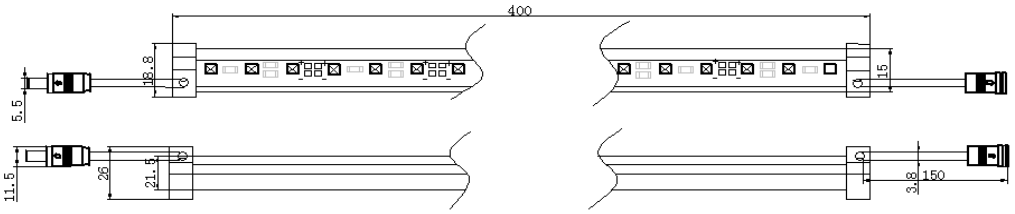
Product description

This product adopts high-quality SMD5050 light source , high quality chips, high brightness, big light angle, low thermal resistance, light is small, good consistency; 6063 high thermal conductivity aluminum alloy shell, and aluminum plate base, improve heat dissipation ability to reduce the LED light failure, ensure the service life of up to 30,000 hours, use waterproof connectors, making installation wiring more convenient; this product is widely used in jewelry showcase, windows, light boxes, using constant 12V DC power supply, safety, energy , green!

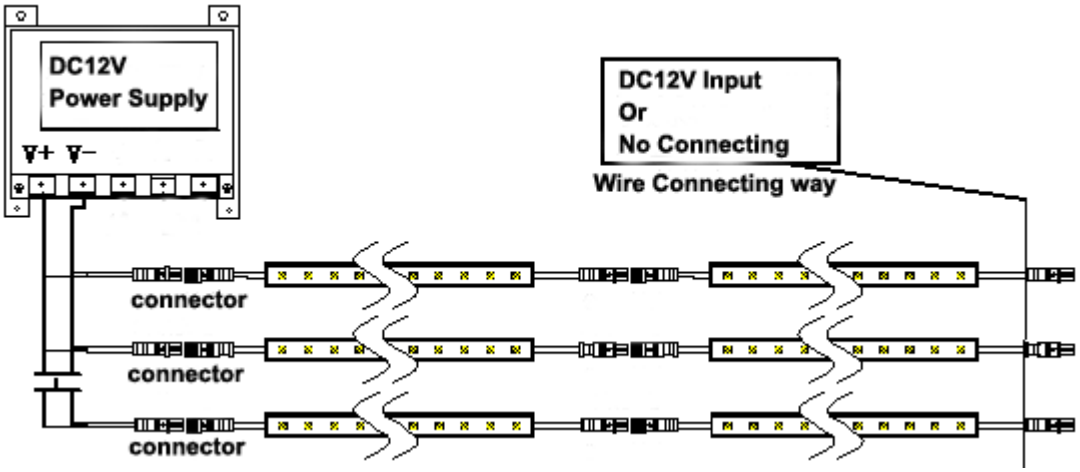
Product Parameters

Item/Model	CM-5050RS-W90L150	CM-5050RS-W72L120	CM-5050RS-W60L100	CM-5050RS-W36L60	CM-5050RS-W24L40
Power	21.6W	17.28W	14.4W	8.64W	5.76W
LED Qty	90pcs	72pcs	60pcs	36pcs	24pcs
LED Type	SMD5050	SMD5050	SMD5050	SMD5050	SMD5050
Luminous Flux	1440LM	1152LM	960LM	576LM	384LM
Lighting Color	Warm White			2800-3200K	
	Nature White			4500-5500K	
	Day White			6000-6500K	
	Cool White			7000-8000K	
Input Voltage	DC12V				
Input Current	1.8A	1.4A	1.2A	0.72A	0.48A
Length	1500mm	1200mm	100mm	600mm	400mm
Maximal Length	2pcs	3pcs	4pcs	6pcs	10pcs
Beam Angle	120°				
Casing Material	6063 Aluminum				
Casing Color	Silver White				
Wire Material	PVC Sheath, Copper core				
Wire Color	White				
Operating Temperature	-40~60℃				
Storage Temperature	-40~80 ℃				
Waterproof	IP20 / IP65				
Warranty	2 years				

Schematic diagram of product dimensions (unit: MM)



Schematic diagram of the product installation:



Product installation and Use Notes

（A) This product should avoid sharp objects touch the lamp surface during the installation process, so as to avoid bad.

（B）.Avoid using acidic glass glue or other adhesive glue to fix the products, avoid the use of acidic environment and storage of the products, so as to avoid the beads during vulcanization, affect the service life of the product.

（C）.To use 12V DC constant voltage power supply to drive the product, and choose the proper power supply according to the number of connected LED lights; Cannot use the product directly connected to 220V power, otherwise the product will be burned.

（D）.The total power of LED lights should be less than the connected power supply's 80% rated power, otherwise, easy to burn the power, according to the actual series connected light quantity choice suitable thickness of connecting line, between the line and the line connecting points must be used in electrical insulation rubber covered, so as to ensure the safe use of the product!

（E）.Maximum cascade of this product is 4 meters, when continue to increase connection quantity, due to the wire line loss, causing a pressure drop, the product will have obvious differences in brightness.

Product Application

Widely used in building body contour. Level, booth, bridge, hotel, decorative lighting, building decorative lighting, edge lighting decoration, corridor lighting, stair lighting, concealed location lighting, underwater lighting projects, wine cabinets, shoe racks, ceiling concealed compartment, wardrobe, display cabinets jewelry counter, as well as the production of billboards, large screen, calligraphy and painting advertising design spaces.

(SuperLED reserves the right to explain the terms of After-sale service policy!)